

PROJECT DESCRIPTION

GENERAL

This project involves the installation of Hazard Identification Beacons on the north and south approaches of the school crossing on MD. 648 at Hollins Ferry / Orchard Road/Ferndale Rd. In Anne Arundel county.

INTERSECTION OPERATION

A controller ASC II W / NIC, and Intersection Monitor II with battery back-up for phone drop housed in a G type pole mounted cabinet will be installed at each location.

SPECIAL NOTE

Upon completion of this project, the contractor shall notify Mr. Robert Snyder at (410)787-7631 to arrange for the phone line installation. The contractor is to provide Mr. Snyder with the nearest street address, zip code, and phone number.

A. EQUIPMENT TO BE FURNISHED BY SHA

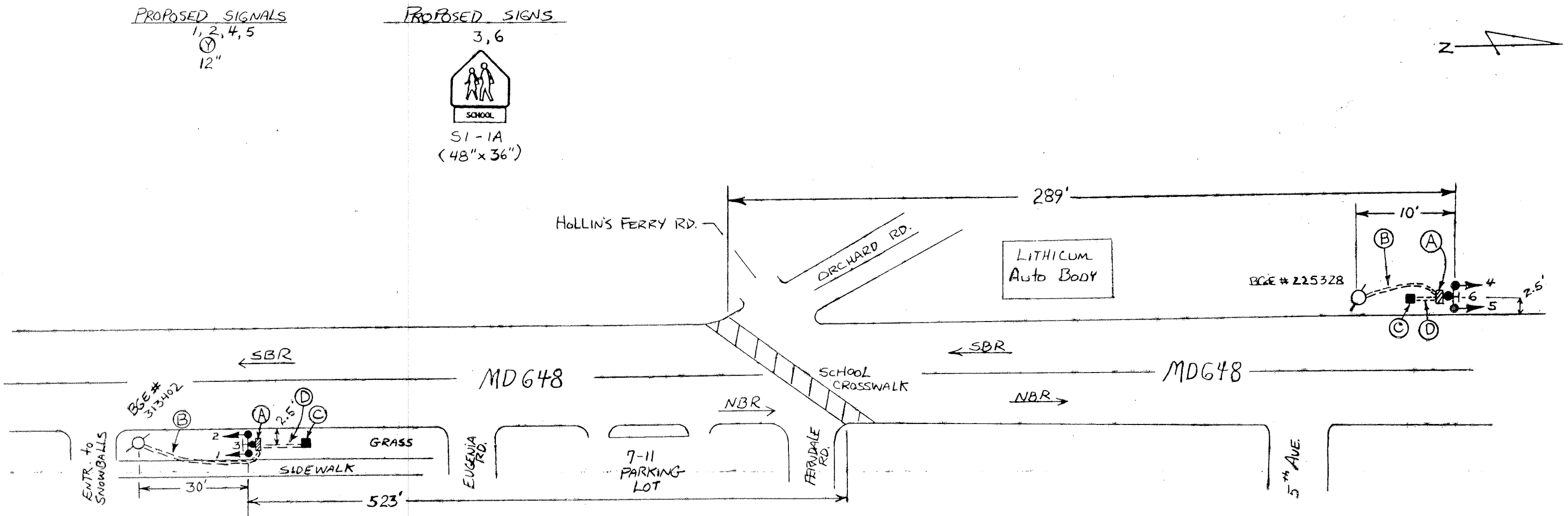
QUANTITY	DESCRIPTION
2 Each	Controller ASC II W / NIC and intersection monitor II with battery back-up for phone drop housed in a G type flasher cabinet.
4 Each	12 in., one way, one section (Y) traffic signal head with adjustable bracket for pedestal mounting and tunnel visors.
36 S. F.	Sheet aluminum signs to consist of: - 2 Each S1-1A (48 in. x 36 in.) pole mounted.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

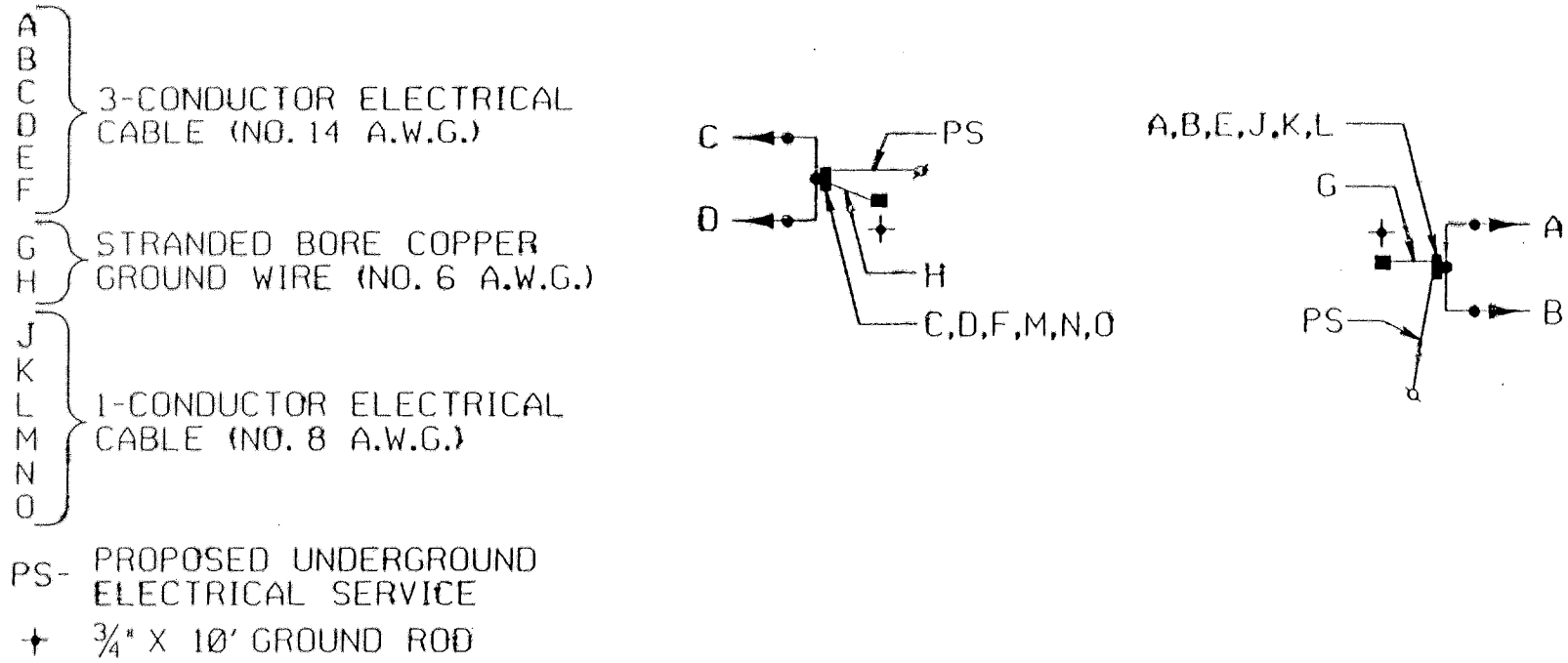
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 Each	Maintenance of traffic
2001	2 C. Y.	Test pit excavation
6001	10 S. F.	4 in. concrete sidewalk
8001	2 C. Y.	Concrete for signal foundation
8003	2 Each	Breakaway pedestal pole (14 Ft.)
8011	4 Each	Install signal head
8019	2 Each	Controller & Cabinet - Pole mount
8024	20 L.F.	2 in. Schedule 80 Rigid PVC conduit (trenched)
8033	2 Each	Electrical Handhole
8034	2 Each	Ground Rod - 3/4 in. dia. x10 ft. length
8035	2 Each	Connector kit - Type 1
8036	2 Each	Connector kit - Type 2
8043	30 L. F.	Electrical Cable - 3 conductor (No. 14 AWG)
8048	60 L. F.	Electrical Cable - 1 conductor (No. 8 AWG) type THWN/THHN, 600v
8049	30 L.F.	Stranded bare copper ground wire (No. 6 AWG)
8053	2 Each	Install ground mounted sign
8061	1 Each	Remove and dispose of existing material and equipment per assignment
8073	2 Each	Photocell

CONSTRUCTION DETAILS

- A. Install 14 ft. breakaway pedestal pole, G type pole mounted cabinet, traffic signal heads, sign and concrete pad. (Note : 2 -2 in. Schedule 80, 90 degree polyvinyl conduit bend). Remove existing S1-1A sign and supports.
- B. Proposed underground electrical service by BGE.
- C. Install handhole.
- D. Install 2 in. Schedule 80 rigid polyvinyl chloride electrical conduit (trenched).



LEGEND



REVISIONS		APPROVALS	
		ASST. DIVISION CHIEF, TEDD	
		ASST. DISTRICT ENGINEER, TRAFFIC	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, OFFICE OF TRAFFIC & SAFETY	
		02064805.12	
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION			
Office of Traffic & Safety			
TRAFFIC ENGINEERING DESIGN DIVISION			
MD 648 E @ HOLLINS FERRY RD. / ORCHARD RD. / FERNDAL RD.			
DATE 1/6/98			
DRAWN BY: LSH		F.A.P. NO. AC-STPG-000S(590)E	
DES. BY: LSH		S.H.A. NO. AW279 A59/059	
CHECK BY: [Signature]		COUNTY ANNE ARUNDEL	
SCALE: NOT TO SCALE		PLAN SHEET NO.: 3781	
		SHEET NO.: 1 OF 1	